skyline
COMPACT

6 PORT DMX SPLITTER WITH 2.4GHZ
ADVANCED INTEGRAL WIRELESS DMX TRANSCEIVER

blizzard
LIGHTING

Blizzard Lighting, LLC
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TABLE OF CONTENTS

Skyline™ Compact 6-Port DMX Splitter/DMX Transceiver 1

1. Getting Started **3**

What's In The Box? 3
Getting It Out Of The Box 3
Caution! 3
Getting A Hold Of Us 3

2. Meet The Skyline™ **4**

Main Features 4
Overview 4-5

3. Operating Instructions **5**

Operation Mode 5
Operating Frequency 5
Transmission Power Level 5
Channel Group ID 5
Possible Configurations 6
Warranty Information 7
Tech Specs 7

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1. GETTING STARTED

What's In The Box?

- 1 x Skyline™ Compact 6-Port DMX Splitter/DMX Transceiver
- 1 x Antenna
- An Ever-So-Handy Power Cord
- This Lovely User Manual

Getting It Out Of The Box

Congratulations and thanks for purchasing Skyline™ Compact, the truss-mountable 6-way DMX splitter/amplifier that is also equipped with a built-in 2.4GHz wireless transceiver. You are well on your way to making your cable management duties a whole lot simpler and way more efficient!

Now that you've got your Skyline™ Compact (or hopefully, *Skyline Compacts!*), you should carefully unpack the box and check the contents to ensure that all parts are present and in good condition. If anything looks as if it has been damaged in transit, notify the shipper immediately and keep the packing material for inspection. Again, please save the carton and all packing materials. If a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Caution!

There are no user serviceable parts inside this unit. Do not open the housing or attempt any repairs yourself; doing so will void your manufactures warranty. In the unlikely event your unit may require service, please open a support ticket at www.blizzardlighting.com/tickets.

Getting A Hold Of Us

If something is wrong, please just visit our website at www.blizzardlighting.com and open a support ticket. We'll be happy to help, honest.

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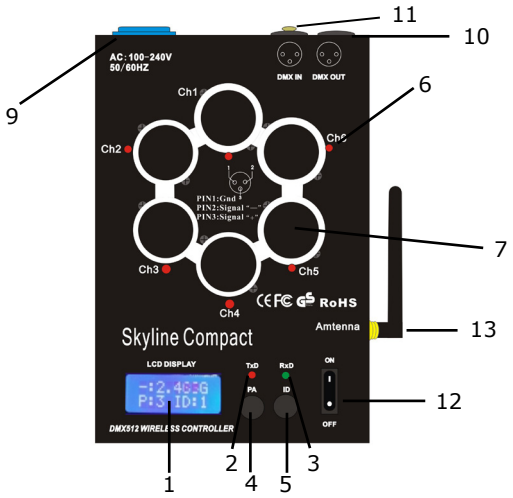
2. MEET THE SKYLINE™ COMPACT

MAIN FEATURES:

- Transmits/receives DMX-512 wirelessly up to 1000ft (Line-of-Sight)
- Ultra-stable 2.4ghz ISM operation
- Up to 16 wireless systems may operate simultaneously
- Automatic or manual channel selection
- 4 user-selectable transmission levels
- Easy to read LCD display
- Extremely simple operation
- Dual 3-pin DMX input and DMX thru
- 6* 3-pin DMX outputs
- 100% electrical isolation between in/output
- 100% electronic isolation between output/output
- Signal & power LED indicator for each output
- Terminator resistor switch for end of a DMX chain
- Power input via IEC connector on rear panel
- FCC Compliant

OVERVIEW:



1.) LCD Display	Shows Status & Available Options
2.) Transmit LED	Transmission Connection Status
3.) Receive LED	Receiving Connection Status
4.) Transmission Power Level Button	Sets Transmission Power Level (0-3)
5.) Frequency Group Button	Sets Frequency Group ID (0-9, A-F)
6.) Signal & Amplifier LED Indicators	Output Signal and Amplifier Status
7.) 6-Port DMX Distributor Outputs	Electronically Isolated DMX Out Ports

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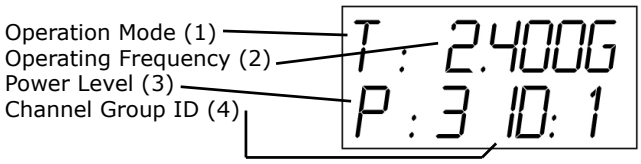
9.) PowerCon Compatible Input	AC Power Cable Input
10.) DMX IN A/B	DMX Signal Inputs
11.) DMX Thru Out A/B	DMX Thru Signal Outputs
12.) Power Switch	Power On/Off
13.) Antenna Terminal	To Mount the Antenna

3. OPERATING INSTRUCTIONS

The DMX splitter is designed to distribute and boost the incoming DMX signal into each of its 8 separate outputs. Each of the 8 outputs is electronically isolated from the others (with the exception of the "thru" outputs), and each output has 3-pin DMX sockets. Each output has dedicated drivers to boost the incoming signal. This greatly decreases problems with ground loops and efficiently buffers while magnifying the DMX signal, making it more accurate and reliable.



The LCD display onboard the Skyline™ Compact Wireless DMX transceiver gives you all pertinent information about the unit's operating mode. **Below, each symbol is described:**

1.) Operation Mode: Mode of the unit, either Transmitter ("T"), Receiver ("R"), or Searching ("-").

2.) Operating Frequency: Displays the current operating frequency while the unit is in Transmitter or Receiver Mode. While in Searching mode, the unit will display the current frequency being scanned.

3.) Transmission Power Level: Displays the current transmission power (applicable for Transmitter Mode Only):

- "0" = 2dBm (Lowest)
- "1" = 8dBm
- "2" = 14 dBm
- "3" = 20 dBm (Highest)

To change the transmission power level, use the "PA" button located on the front panel.

4.) Channel Group ID: Displays the current channel group (0-9, A-F). In auto mode, the transmitting unit will auto-select the clearest channel group. When a receiving unit in a single-group setup is powered on, it will automatically sync to the transmitter. In multiple transmitter/receiver setups, manual configuration may be required.

To manually configure the channel group ID, use the "ID" button on the front panel. Set each transmitter/receiver group to the same group ID to ensure correct operation.

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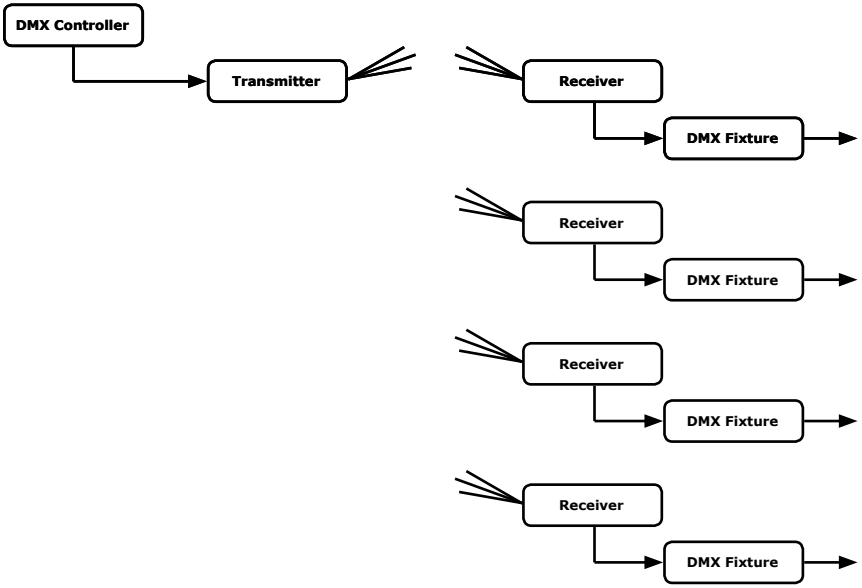
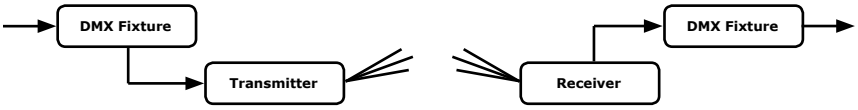
POSSIBLE CONFIGURATIONS

The diagrams below show possible configurations. Multiple receivers may be used in any possible configuration.

OPTION 1. A transmitter is connected to the output of the controller, and a receiver is connected at the input of the first DMX fixture.



OPTION 2. A transmitter is connected to the output of a DMX fixture, and a receiver is connected to the input of the next DMX fixture.



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PRODUCT LIMITED WARRANTY

Blizzard Lighting, LLC hereby warrants that its products shall be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period below). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. This warranty shall be valid only if the product is purchased from an authorized dealer appointed by Blizzard Lighting, LLC. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence.

For warranty service you must obtain a Return Authorization number (RA#) before sending back the product. Contact Blizzard Lighting, LLC's Service Department www.blizzardlighting.com/tickets. Send the product only to the Blizzard Lighting, LLC factory. All shipping charges must be prepaid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Blizzard Lighting, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, Blizzard Lighting, LLC shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which Blizzard Lighting, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Blizzard Lighting, LLC factory unless prior written authorization was issued to purchaser by Blizzard Lighting, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.

This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check-up. During the period specified above, Blizzard Lighting, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Blizzard Lighting, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Blizzard Lighting.

Blizzard Lighting, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by Blizzard Lighting, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall Blizzard Lighting, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to Blizzard Lighting Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

Tech Specs!

Weight & Dimensions	
Length	7.3 inches (185 mm)
Depth	2.5 inches (65 mm)
Height	4.33 inches (110 mm)
Weight	7.7 Lbs. / 3.5 kgs.
Power	
Operating Voltage	110-240V, 50/60Hz
Wireless Transceiver	
Operating Band	2.4Ghz ISM
Max Operating Range	1000 Feet (Line of Sight)
Frequency Groups	16
Max Transmission Power	20dBm
Receiver Sensitivity	-94dBm
Other Information	
We live in the era of smart phones and stupid people!	
Warranty	2-year limited warranty.

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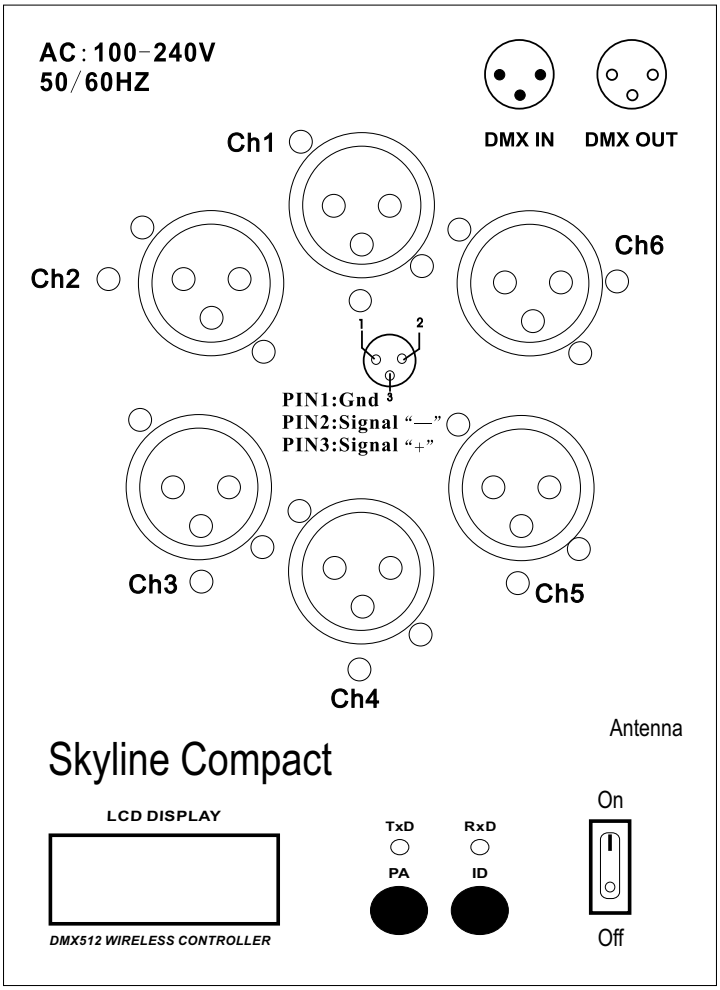

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